



Vol. XLV No. 32

CAMBRIDGE, MASS., FRIDAY, SEPTEMBER, 25, 1925

Five Cents

MANY CHANGES IN INSTITUTE STAFF OCCUR THIS FALL

Dr. H. B. Dwight of Canadian Westinghouse to Join Institute Staff

TERTZAGHI TO LECTURE

G. L. Hosmer '97 and R. G. Tyler '10 Promoted to Full Professorship

Dr. H. B. Dwight of the Canadian Westinghouse Company has been appointed to the position of professor in the Electrical Engineering department, and will take up his duties this Fall. At the same time, Dr. Charles Tertzaghi, former head of the civil engineering department of Robert College, Constantinople, will begin work as a lecturer and research associate in the Department of Civil Engineering here. In addition, many promotions have been made.

Dr. Dwight has studied at the University of Toronto and at McGill University. He received a degree in Electrical Engineering from McGill in 1909, and joined the staff of the Westinghouse Company at Hamilton, Ontario, where he was for some time in charge of direct and alternating current rotating machinery design. He is the author of three books on power transmission and related subjects. He holds a doctor's degree from McGill University, received in 1924.

Hosmer Promoted
Dr. Tertzaghi is one of the most prominent of Czech engineers. He is a graduate of the University of Gratz, and has been a professor in the Turkish Engineering University in Constantinople. He has been at Robert College since 1918.

Professor G. L. Hosmer '97, who has been in charge of the summer camp for Course I, has been promoted to be full Professor of Geodesy; and Professor R. G. Tyler '10 has been made full Professor of Sanitary Engineering. The following have been made Associate Professors: J. S. Babcock '3d, '10, of Railway and Highway Engineering; L. F. Hamilton '14 of Analytical Chemistry; A. F. Holmes '04, Applied Mechanics; C. S. Robinson '09, Chemical Engineering; R. H. Smith, Machine Construction, and Hale Sutherland '10, Structural Engineering.

Appointments Made
E. L. Bowles '22 has been made an Assistant Professor of Electrical Communication; O. G. C. Dahl of Electric Power Transmissions; P. Franklin, Mathematics; W. H. Jones, Mechanical Engineering; M. Knobel '19, Physics; C. E. Lansil '17, Electrical Measurements; J. T. Norton '18, Physics; W. N. Seaver, Librarian. The following have been made instructors: in Electrical Engineering, W. C. Ames, Jr., L. C. Caverly, L. M. Dawes, W. Glendinning, P. T. Rumsey, C. F. Woodbury; in Physics, R. W. Conant, W. B. Greenough, J. K. Phelan; in Mechanical Engineering, E. R. Schwarz, A. Williams, and J. H. Zimmerman.

In addition to the above promotions, the following appointments have been made: F. S. Dellenbaugh, Jr., '21 is made Associate Professor of Electrical Design; E. H. Schell will be Assistant Professor of Business Management; B. E. Sibley and L. W. Croke will be first and second assistant medical directors.

THE TECH Changes Distribution System

A new distribution system will be employed by THE TECH this year in place of the Honor System used in the past few years. Subscription books will be sold containing 100 coupons and either a coupon or five cents must be deposited in the box in order to secure a copy. There will be an attendant at all stands where THE TECH is being distributed—for some time the copies will probably be sold only in the main lobby.

Subscription books are now on sale and a concerted drive will be made lasting all of next week. The price of an annual subscription is \$2.50 for all; no reduction being allowed the dormitories and fraternities. As in past years, however, copies will be delivered to the dormitories and fraternity houses.

TECHNOLOGY STUDENTS RESCUE NAVAL PLANE

Even scowling on the Charles is not safe any more when airplanes are liable to drop on one without warning. George Muir, Jr., '28 and T. B. Taylor, Jr., '28 were making their way across the river between the lower basin and Harvard Bridge one afternoon in the middle of August when a naval plane from Squantum fell so near them that they were nearly swamped.

Seeing that the pilot was in a dangerous position, they came to his assistance, and at considerable risk to themselves put the plane in position to be towed in to shore by a police boat, saving the life of the aviator and salvaging the plane. Taylor received a head injury which kept him in the Massachusetts General Hospital for a week.

CARDINAL CASE ON NEW T. C. A. 'BIBLE'

Christian Association Mails
450 New Handbooks
To Freshmen

A cardinal red leather covered handbook embossed with the Technology official seal has been sent out by the Technology Christian Association this year to 450 freshmen and transfers who have taken the College Board Examinations and are almost certain of entering college this fall. The handbook has a cut of the President of the Institute, and a panorama of the Institute grounds. The incoming men receive this leather cover for the handbook, only once and it is supposed to last for the four years, new filers being given to the men on applying at the Technology Christian Association in Walker each year.

2000 Inserts Printed

A new feature in the booklet is a list of useful formulae and also a table of contents. The paper in this year's book is of better grade than previous years and although it contains the same number of pages it is only half as thick as formerly.

Mr. W. M. Ross, the secretary of the Association, states that there are 2000 of the inserts printed and any of the upper classmen may receive a copy by applying at the office in Walker. The new men who take the exams at the Institute and transfers entering this fall may secure a copy of the book with a cover by showing their bursar's receipt at the office in Walker. It is necessary to show this receipt as the number of covers ordered was only 1000.

The booklet as usual contains a brief history of the Institute, an outline of the various activities and sports with a list of the records established in Tech sports. It also explains the method of student government at the Institute and explains the various committees which are run by the student body, and also gives the cheers and songs of our Alma Mater.

HEAD OF COURSE X IS GIVEN BRITISH HONOR

Dr. Lewis Elected to British
Engineering Institute

Dr. W. K. Lewis '05, head of the Department of Chemical Engineering, has been elected to the British Institution of Chemical Engineers as an honorary member. Professor Lewis is the fifth honorary member ever to be elected by the Institution, and only the second foreigner to be so honored. Prince Conti, noted Chemical Engineer of Italy, was the first man not British to be elected an honorary member.

The election was made in recognition of Professor Lewis' notable achievements in chemical engineering in America. He has been head of the Chemical Engineering department at the Institute since it was established in 1920; and was a member of the Faculty of the Institute for ten years before that. In addition to his work at the Institute, Dr. Lewis has studied in Germany.

Dr. Lewis is a member of the American Chemical Society, the American Academy of Arts and Letters, and the American Leather Chemists Association. During the World War he was a chemical expert in the U. S. Chemical Warfare Service. Professor W. H. Timbie is in charge.

INSTITUTE TO OPEN MONDAY UNDER TWO TERM SYSTEM FOR FIRST TIME SINCE 1917

A Complimentary Issue

The first and second issues of THE TECH will be distributed free to the undergraduates so that they may have an opportunity to see what the paper has to offer them. The paper is crammed full of "live wire" News, Sports, and Intercollegiate News. It is through the undergraduate Notice Column that all the Official and Activity notices are given out. By reading THE TECH you are informed of everything that is happening around the Institute and always on time.

Subscriptions will be on sale in the main lobby and at the business office, room 302 Walker all next week. The rate is \$2.50 for the college year. As single copies sell for five cents each you save \$2.50 during the year by subscribing. SUBSCRIBE AT ONCE.

FEW CHANGES ARE REQUIRED AS NEW SCHEDULE BEGINS

S. A. T. C. Program in 1918
Forced the Adoption of
Three Term System

EXPECT MANY BENEFITS

For the first time since 1917 the Institute this year is opening under the two term system and the courses will run for a 15 instead of a 10 week period. During the summer the courses were all rearranged and new bulletins published containing the revised schedules.

The Institute originally conducted the courses for two terms but shortly before the United States entered the war it was found necessary to convert part of the courses into three terms for the Student Army Training Corps at the Institute and, in October, 1918, the entire school was placed on the three term basis. By vote of the faculty last year it was decided to revert to the two term system. Practically all of the other colleges which changed their system on account of the S. A. T. C. have returned to their original plan.

Term Ends Earlier
Numerous advantages of the two term system have been claimed by its proponents. Longer contact, and therefore closer contact, exists between instructor and students with an opportunity for each to "actually know the other" is one of the points cited. Less emphasis will be placed on the final examination and more on the term work. Under two terms it is possible to obtain a full 30 weeks of work and longer periods for examinations.

Another advantage derived is that the last term ends earlier in June than before with an increased opportunity for undergraduates and graduates to secure employment and also to avoid having the final examinations in the sweltering heat of mid-June, as was the case last year.

Very few radical changes were necessary in order to change the courses to conform to the two terms. In regard to Course I Professor C. M. Spofford '93 declared "Course I is such an (Continued on page 4)

New Course In Military Engineering Offered—Will Lead to Degree of S.B

Professor E. F. Miller of M. E.
Department Will Head
New Course

A course leading to the degree of bachelor of Science in military engineering will be offered this year for the first time at the Institute under the guidance of Professor E. F. Miller, head of the Department of Mechanical Engineering.

The course requires 625 hours for the first term and 320 for the second and is open to all graduates of the United States Military Academy at West Point or the Naval Academy at Annapolis. Army officers of naval officers not graduates of either of the government schools, will be admitted on showing that they have had the necessary preliminary training.

The course is designed to cover such engineering problems as army or navy officers are called upon to carry out. Its scope is indicated by the various subjects required for study.

They range from strength of materials in applied mechanics to general bacteriology, municipal sanitation and physical chemistry.

In electrical training the men will be given the elements of electrical

engineering, and electrical laboratory work, together with industrial applications of electricity. In physical chemistry a study of X-ray work in steels and alloys is given and the molecular theory is taken up, along with heat treatments of various materials.

A special course in bacteriology prepares the men for the course in municipal sanitation. A thesis, or original research of 135 hours duration, completes the course.

TRAINING SCHOOL HAS LARGEST ROLL

Designed to Give Instruction
In Teaching High School
Subjects in Summer

Nearly three times as many teachers and school nurses registered for the Teachers' Summer School of 1925 as attended the sessions the previous year, the total for this summer being 154. The school is designed to give instruction in methods of teaching Junior and Senior high school subjects.

The courses given were as follows: Classroom problems of the Junior and Senior high schools, Methods of teaching Junior high school mathematics, and Methods of teaching Senior high school mathematics, by W. F. Downey, headmaster of Boston English High School; Methods of teaching General Science, by J. R. Lunt of Mechanic Arts High School, Boston; Methods of teaching Senior high school science, physics, and chemistry, by Mr. Lunt and F. R. Miller and C. H. Stone of English High School; General Bacteriology and Health Education Methods, by members of the Institute staff.

Many of the courses offered observation of a demonstration class, in which Junior and Senior high school students were taught the subjects, the method of instruction of which the members of the Teachers' school were studying.

The courses lasted four weeks, from July 6 to July 21, but since the classroom hours were ninety minutes in length instead of the usual 60, credit was given as for a six-weeks course.

FRESH PHYSICAL EXAMS ARE AGAIN COMPULSORY

All freshman should report at the Medical Department in Room 3019 as soon as possible to make an appointment for their compulsory physical examination. The office will be open from 8:30 o'clock until 5 and during the first part of the term a doctor will be examining all day.

Ordinarily the doctor is in attendance from 8:30 o'clock to 9:30 and from 4:45; a nurse being constantly in attendance. The clinic is free to all students at the Institute and all sorts of cases are treated there and in extreme cases the Medical Department arranges for hospital service.

The Department has been very busy this summer and has treated in all 1750 cases: 1113 students were attended there, 537 employees and 99 of the Faculty.

MAYOR ELECTS M. I. T. MAN TO CITY OFFICE

Selection Made at Suggestion
Of President Stratton

F. J. Turnbull '25, of 354 Seaver Street, Dorchester, was nominated this summer for the position of heating engineer in the schoolhouse department of Boston by Mayor Curley. Mr. Curley made the nomination on the recommendation of President Stratton of the Institute whom he had been advised to call on for help in picking a man for the position.

Mr. Turnbull's name was immediately submitted to the civil service commission and approved. A salary of \$3200 a year goes with the position with an assurance of increase in pay proportionate to his worth should the appointee prove himself especially well qualified for the work. Mr. Turnbull prepared for the Institute at Boston College, entering as a Sophomore. He was a member of the Mechanical Engineering Society and of the Catholic Club, being secretary of the latter during his Junior year.

TO GIVE WELCOME TO NEWCOMERS MONDAY

Following the usual custom, all new students at the Institute will be given a welcome address on the opening day by the President and representatives of the Faculty. The meeting will be in room 104-50 Monday at one o'clock, and, in addition to President Stratton, Dean H. F. Talbot '85, and Professor C. M. Spofford '93, Chairman of the Faculty and Head of the Department of Civil Engineering, will give short addresses. All new students are requested to attend.

A Record of
Continuous
News Service
for 44 Years



Official News
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Undergraduates
of Technology

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AVE

HAIL Freshmen. Today you take an important step. You are looking ahead to four years of hard study. You are looking ahead too, we hope, to four years of the most pleasant of contacts. You are, in other words, entering college.

Perhaps, if you attended a summer course, you will turn up your nose and say "College? You mean Factory." Such is our "attitude" and must be absorbed. "Tech is Hell" will also be pounded into your youthful mentalities. "A school without traditions," this oldest tradition must be handed on. Your friends at Harvard, Yale, Princeton et al must feel your withering scorn for their trivialities. For you are a MAN and they are "College Boys."

This attitude will serve passing well for the home town at Christ-time. In common with many of your fellows you may assume it throughout the year. We only ask that you bear in mind that it is an attitude and that underneath there are deep and very real ties of affection which bind us older men to the Institute.

In time you too will feel these ties and the sooner you do so the happier you will be in your work. Mix with your classmates, work with them, play with them. Learn to know their activities, get an activity of your own. Keep your eyes and ears open and learn "what makes the wheels go round." In your spare time, and see that you do have some time to spare, play and enjoy every minute.

Our advice, freshmen, has been heard before; but is nevertheless good. We lay it before you with our greetings—Ave, Freshmen, Hail!

THE PROPER STUDENT ATTITUDE

MUCH was heard last year of the "cyclic depression" and "student lassitude." Undergraduates energetic enough to express themselves delivered exacerbations on the state of affairs, the official alumni publication editorialized on "undergraduate decadence," even metropolitan newspapers commented on the situation. This pessimistic state of mind was so hammered into the student body that they came to accept it as true, as a condition of affairs not to be mitigated.

Thus this critical attitude did an extreme amount of harm: it helped to build up a feeling that conditions were getting worse. The entire verbal campaign resulted in nothing constructive, did nothing to bolster up affairs, but on the other hand turned itself into a relentless dragooning and blackjacking campaign inimical to any movement toward progressiveness.

Not only was it harmful, but the theory of regeneration by criticizing completely collapsed. The lesson to be drawn therefrom is obvious. Pessimism and criticism must be superseded by optimism and boosting. More confidence is needed; only by cheerful confidence can we pull completely out of the doldrums. Student activities and administrative organizations must be supported and upheld; encouragement will add much to their effectiveness and efficiency. Aggressive optimism is the slogan!

THE TECH regrets to announce the resignation of C. E. McCulloch '26 as Managing Editor.

THE TECH takes pleasure in announcing the following elections: L. C. Currier '26 as Managing Editor; J. H. Melhado '27 to the Editorial Board; E. J. Gohr '26 as Night Editor; J. D. Crawford '27 as Assistant News Editor; G. C. Houston '27 as Assistant Advertising Manager.

The Lounger

The Lounger is chagrined that he must appear in the nude, as it were, for the time being. In changing printers over the summer the dainty vignette of His Excellency that headed this column was misplaced. Until another cut can be made "the eloquence of type" alone must speak for the presence of these columnistic cogitations.

Now that we are all back from the summer's vacation, the poor Lounger is once more forced to listen to long and boresome tales of the wanderings of his acquaintances. Hearken to some of them: "Aw you should have been with me! The smoothest lot of women—" "But that wasn't anything as compared with what we

did in Paris, why—" "You should have had my job, it was a peach! Gee, all I had to do was—" "Gawd, but she was a hot little thing, and neckman, I'll say!" "I worked on the fastest boat on the line, she logged over 400 knots every day, and we sure did see some rough weather! Say, the Captain said—" "Werent the (* fill in 'Italian,' 'English,' 'Scotch,' 'Argentine,' 'Swiss?' etc. ad infinitum) lakes wonderful?" "Yea, we bummed all the way from St. Looy to Frisco in ten days!" "But them chorus women we met in Chicago-wow!"

If you have been talking that way, take the hint and remember that the man who says nothing probably had a hell of a sight better trip than you ever did!

* * *
Winter is fast approaching, and with it, possible relief from the Lounger's bête noir—the chorus girl whose shoulders, tanned from Sun-

As We Like It

THE STUDENT PRINCE

Music far surpassing in quality that of most musical shows, together with a chorus of over 100 voices considerably above the average distinguish the operetta "The Student Prince," now playing at the Shubert Theatre. And when we add that DeWolf Hopper, he of the many marriages, leads the list of the comedians, it is unnecessary to say that the show is certainly well worth seeing.

While of course a King's taste in feminine pulchritude must be different from that of a poor devil of a dramatic critic, still we found it difficult to conceive of the Prince (James Liddy) preferring Kathie (Odette Laudner) to the Princess Margaret (Lucyenne Herival). One of the reasons may be that we have a personal prejudice in favor of taller girls, but even so there were several petite young ladies in the audience who would have fitted better our conception of the inspirer of a consuming passion. In fact, right beside us was a little grey-eyed girl—but we were telling you what sort of a show "The Student Prince" is.

DeWolf Hopper and his tiny attendant Gus Alexander as the Prince's personal attendant and the Prince's personal attendant's personal attendant provided the greater part of the humor, ably assisted by the grotesque Grand Duchess Anastasia and Gretchen.

Unlike the choruses of most present-day musical comedies and operettas, that of "The Student Prince" could not only "dance and look pretty" but it could sing as well. The singing was perhaps best on the part of the students in the drinking songs; the dancing was limited to a waltz and a gavotte in the third act, with a very pretty solo ballet in between.

J. H. M.

THE GORILLA

As a hilarious take-off on the average mystery play, the Gorilla now showing at the Plymouth more than accomplishes its purpose. Not only is the audience held in the greatest suspense until the apparent climax is reached but even after the mystery is cleared up, matters take a sudden turn which removes the depression created by the average mystery play. Edmund Elton and J. Harry Jenkins, playing the part of two detectives, are very well cast in their characters and provide a source of amusement from the time of their appearance on the stage until the final curtain drops. A very clever bit of acting is done by Matt Briggs who is cast as Arthur Marsden, an amateur play-wright.

At the first curtain the entire countryside is on the watch for a notorious convict who has made his escape from jail and at present is traveling around the country breaking into certain houses and causing the complete disappearance of some members of the household. Cyrus Stevens, the rich uncle in the play has received a threat from this mysterious invader in which it is stated that he will make his appearance on the evening during which the action occurs.

To tell more would spoil the effect of the show. The entire play is filled with a very good brand of comedy which, together with the mysterious air of the play, furnishes a very good evening's entertainment.

CAPTAIN X

"Another Clive triumph" is the best way we can describe the play, "Captain X" which opened at the Copley Theatre last Saturday. It is the players throughout, and not the play, who provide the fascination and interest.

For an entertaining prank Amos Rigg, proprietor of Rigg's Harness Polish, and his family change places with their servants and Rigg, played by Mr. Clive, becomes the butler. This unusual situation offers a splendid opportunity for farcical play, none of which is overlooked by Mr. Clive.

There is mystery and intrigue connected with the plot inasmuch as the real butler, acting as master, is none other than the notorious Captain X whose daring thefts have aroused the entire country. Oh yes, of course, there is a romance woven into the theme. Bently, the butler, otherwise known as "Captain X," is played by Alan Mowbray; while a newcomer to the company, Terence Neill, takes the part of Frank Rigg, son of Amos Rigg.

OTHER PLAYS

COPLEY: "Captain X." Reviewed in this issue.

COLONIAL: "Ziegfeld Follies." The same old follies.

HOLLIS: "American Born." By and with George M. Cohan.

MAJESTIC: "Rose-Marie." Still going strong after an all-summer run.

PARK: "Duty." Comedy. Last week.

PLYMOUTH: "The Gorilla." Reviewed in this issue.

SHUBERT: "The Student Prince." Reviewed in this issue.

TREMONT: "The Buccaneer." Romantic comedy. Closes next week.

WILBUR: "My Girl." Good musical comedy. Last week.

LOWELL INSTITUTE TO GIVE LECTURE COURSE

Under the will of John Lowell, Jr., the trustee of Lowell Institute maintains five different courses of Public Lectures in Boston. Two of these courses are held in buildings of Technology and one is run under the auspices of M. I. T. The bulletin for the eighty-sixth year, 1925-1926, recently published, gives a brief description of the lectures to be given in the five series.

The Free Evening School held in the Technology buildings comprises three engineering courses, Mechanical, Electrical, and Buildings, extending over two years. The graduates of the school receive certificates. Some extra curricular activities are also carried on by the men, such as the publishing of a year book.

The other four courses of lectures given are: Collegiate Courses, a Teacher's School of Science, Current Topics in Theology, and Free Public Lectures. The last named are given in the Rogers Building on Boylston street.

Lowell Institute was founded in 1836 by John Lowell, Jr., and opened to the public in 1839. It aided Technology considerably during the early years when M. I. T. was trying to overcome the difficulties confronting the founding of a new institution.

The Bema, Dartmouth's literary and pictorial magazine for many years has suspended publication. The staff of the magazine, however, will publish a new magazine, the Dartmouth Pictorial, which will give a pictorial history of the year in its three issues.

With the suspension of publication of the Bema, Dartmouth has only the Tower as a literary magazine. This publication has a slightly different purpose from many college magazines, purposing to offer the student body a medium to express its opinions. Not only the staff but anyone connected with the college may be a contributor.

"That the individuality of each college permits a catering to diverse

(Continued on Page 4)

Individuality In Colleges Needed—President Angell

Mediocre uniformity is threatening universities, according to President Angell of Yale University. However, speaking at the inauguration of Dr. McConaughy as president of Wesleyan University, he praised the way the moderate sized liberal colleges were maintaining their individuality and characteristics.

A part of President Angell's address taken from the Wesleyan Argus is given below.

"The position of the liberal college of moderate size is undoubtedly more firmly established today and more generally recognized than at any time in the last generation. There was a period not so far back when many of the friends of these institutions, especially in the Middle West, feared that their doom has been sounded, that the great universities on the one hand and the junior colleges on the other would swamp them, or at least prove so overshadowing, as to deprive them of a large part of their educational heritage and with grave damage to their prestige and prosperity. For various reasons these fears have not been realized. Whether because students have wished to go to college in such overwhelming numbers that every institution has found a market for its wares, or whether because many parents and students have felt that the small independent college offered peculiar and highly significant educational values, or for whatever other reasons, the fact is that these institutions were never in a more stable and well entrenched position financially, or educationally, or in public esteem.

"That the individuality of each college permits a catering to diverse

(Continued on Page 4)

Buy at Your Store and Get a Dividend

JOIN Technology Branch FIRST

To get the best results every Tech man should become a member of the "Coop" before he begins to buy any of his supplies. It costs one dollar to join for one college year. You get a membership ticket with a number. Tell the salesman your number every time you buy anything that costs 25c or more at Technology Branch, the Barber Shop or the Main Store at Harvard Square. The total credited to your number on June 30 is the amount on which you get your dividend. The profits are divided among the customers who join.

Dividend Checks for last year's purchases will be ready for distribution October 19, 1925. The dividend paid on last year's business is 10% on cash purchases and 8% on charge purchases.

Checks are cashed. for "COOP" Charge accounts are opened members only.

The "COOP" is the official source of required textbooks and supplies in every course.

TECHNOLOGY BRANCH

Harvard Co-operative Society

76 Massachusetts Avenue, Cambridge, Mass.

FIELD DAY TEAMS REPORT SOON

Sophomores and Freshmen Renew Annual Enmity in Contests to be Held Field Day

"Now that the time for registration is fast approaching and along with it the first day of classes, it brings to mind the fact that it will not be many moons before the two lower classes will be vying for supremacy on 'both land and sea' in the famous Technology Field Day." Last year this series of contests was captured "in toto" by the class of '27 but, as this class has now been relegated above the field day contenders, the classes of 1928 and 1929 will fight to the bitter end for first honors.

Instead of the annual battle which is held in the majority of the colleges between the Sophomores and freshmen, the hard feelings between these two organizations is given vent to in four matches or contests which serve to lessen the amount of accidents usually occasioned, and also to raise the keen rivalry which already exists.

Crew Race is First Event

The first event of Field Day is the crew race which is held on the Charles, "over the short distance." This is usually a very interesting race as the teams are very evenly matched and are pulling for the honor of their respective classes. It is rumored about that there are several crack oarsmen entered in the yearling class and, with the practice which they will get before the date set for the race, they should develop into a formidable aggregation.

Football Game on Tech Field

Last year's freshman crew is practically intact, insofar as can be ascertained at the present moment. This crew wielded the oars in a very able manner and will no doubt furnish the incoming class with plenty of entertainment, while teaming the shells through the muddy waters of the Charles.

One of the hardest fought contests of the day is the football game which is held on Tech field. The last year's pigskin chasers went through a nip and tuck battle with neither eleven tallying a point until the fourth period when the mole-skin clad warriors of the class of '27 completed a brilliant forward pass which paved the way to ultimate victory.

Tug-of-War Very Interesting

In the relay race which is held, there are 12 men running on each side with each man running the 220, and although every man does not negotiate the furlong under 22 seconds, this race affords the coaches with an opportunity to get a line on the prospective track candidates.

Although the tug-of-war contest

BASKETBALL FOUL RULE IS RADICALLY CHANGED

When the time comes for the basketball candidates to report for practice in the hangar gym, they will be acquainted with a radical change in the foul rules which the basketball moguls passed during the past spring. It will no longer be the custom for the man fouled to shoot his own foul. Instead the man who committed the foul will be called upon to shoot the foul.

If he misses the basket, the opposing side will gain the extra point. If he makes the shot, neither side will score. It is hoped in this way to decrease the number of personal fouls in a game and also to improve the calibre of foul shooting.

counts the least number of points to the winner it is by no means the easiest event of the afternoon from the standpoint of the contestants. This is a sport which is not usually indulged in at other colleges but, it puts the finishing touch to the Field Day events. Practice for the tug-of-war team as well as for the other Field Day teams starts immediately after the opening of school.

It is up to the incoming class to support their teams not only by their presence on Field Day, but also by reporting in large numbers for practice so that the best team possible can be gathered together to fight for the honor of the class. Last year the class of '28 was very lax in attending practice and as a result they suffered an overwhelming defeat in three of the four contests.

CREW PROSPECTS FOR THIS SEASON SEEM EXCELLENT

Graduation Claims Two Men From Coach Haines Aggregation

As the beginning of another year approaches, the prospects for a most successful crew season seems very promising. Bill Haines, genial coach of the sport, is already back at the boathouse mapping out his campaign plans and preparing for the onrush of new material. Ever since the beginning of the week he has been meeting the new men and greeting the old men as they return.

In order to let crew enthusiasts get some idea of what has been going on in the past year and what the future holds for rowing, Bob Bigelow, manager of crew, has arranged to have a number of pamphlets distributed in the main lobby next Monday. These sheets will contain some very interesting articles about rowing. Not until the following day, however, will the first call for men be issued. Tuesday afternoon will be the first day for real activities at the boathouse. On this day Bill Haines will be there all afternoon to meet the freshmen candidates, and for the remainder of the week will spend his afternoons in the same manner. All freshmen are urged to make the best of this opportunity in order to get an early start.

On October 5 the management has arranged for a gigantic crew rally which will take place in the form of a mass meeting. This conclave will mark the official opening of rowing for the year and regular practices will commence on the following day. Haines will then organize Varsity eights and the Cardinal and Gray will once more be seen gliding along the Charles.

As there are only a few men lost this year due to graduation, the prospects for a crackerjack eight seem most promising. From the Varsity of last year Tony Lauria is the only one missing, while the Junior Varsity loses Captain Don King and Art Brockelman. The speedy little 50 pound outfit should have every man back that rowed last year.

Bill Haines will act as head coach, but will be assisted by Dave Sutter, Don King and T. Pond. With this

CAMP HONORS ARE WON BY K. A. SMITH AT EAST MACHIAS

Baseball Team Wins 3 Straight Victories during the Summer Season

TOM PRICE WINS SHOTPUT

With the return of the Course 1 campers, who spent eight weeks during the past summer at East Machias, Maine, come reports of excellent athletic performances.

The baseball team, selected from students and instructors of the camp, won all of the games they played: against East Machias the score was 7-2, and in the game with Lubec the Engineers came out on the long end of an 8-5 score. Near the end of the season they also defeated Machias. Regular the team line-up follows: Peterson and Johnson, pitchers; Arias, catcher; Freeman, third; Steel, r.f.; Boyle, short; Redd, second; Brooks, c.f.; Creedon, first; Shierey, l.f. Substitutes: Priest, Lunden, Leonard, Collins.

The annual field day was held on Labor Day and K. A. Smith won the camp championship by winning first places in the 100 yard dash, in 11 seconds flat; the 660 yard run in 1m. 16.4s.; and the running broad jump with a leap of 18.15 ft.

Smith Wins Camp Cup

Tom Price won the eight pound shot put with a heave of 45.1 feet and also the fifty yard swim. Harry Fitzpatrick and Russell McCassey were second and third respectively in the swim.

The camp cup was awarded to K. A. Smith, who had amassed a total of fifteen points. R. P. Price won second honors with a total of 10 points; while Harry Fitzpatrick was third with six points and H. J. Creedon fourth with 4 points chalked up.

This year the athletic committee added a couple of stunts to the field day program and revived the canoe tilting contest. Westerhoff and Cope land won the canoe race from Price and Rivers, while Umbenhauer and Rabinowitz teamed up to defeat Fitz and Spurn in the Tilting contest.

In the dory races, barrack B won the final heat from barrack H in a very closely contested race.

able coaching staff and with all the new material coming in from last year's freshman crews, some powerful varsity shells ought soon to be whipped into shape.

Coxswains are in great demand this year. Any men that weigh 125 pounds or under, whether they have had any experience or not should report to the boathouse to receive instructions. There is to be a special school for these men in order to teach them the fundamentals of rowing before taking out a shell.

According to the latest reports G. V. Miller the sprinter on last year's yearling team who burned up the cinders in the freshman meets last winter and incidentally was one of the best men in school in the century and furlong, has decided to cast his lot with the tracksters of John Harvard. Miller should be a valuable acquisition to Johnny Farrell's forces by the time that he is eligible to represent the Cambridge institution.

The early call for Sophomore football candidates at least shows that the Class of 1928 is displaying a great deal more spirit than they did last year. If the other branches of Field Day sports display the same spirit, the entering class will have to put in much work and practice if they expect to make the Sophos lower their colors for two years in succession. If the Sophos do lose Field Day, it will mean that they will have to go through the rest of their stay at the Institute without being possessors of a class pipe.

SOPHS CALL OUT MEN FOR PIGSKIN PRACTICE

With the opening of the Institute still several days a way, the Sophos have already sent a call out for all men interested in the 1928 football team. There will be a meeting of all candidates for the team in room 2-132 on Tuesday, September 29, at 4 o'clock.

Last year with a team that was supposed to be very weak as compared with a strong 1927 eleven, the frosh held their heavier opponents to one lone touchdown in the last quarter. This year they are planning to avenge that defeat with a win over their younger opponents.

Rumor has it that Jack Wiebe, the star sprinter of the indoor team last winter who was ineligible last spring for the season on the cinders, is back in college and is all set for a bigger and better year with the spiked slippers.

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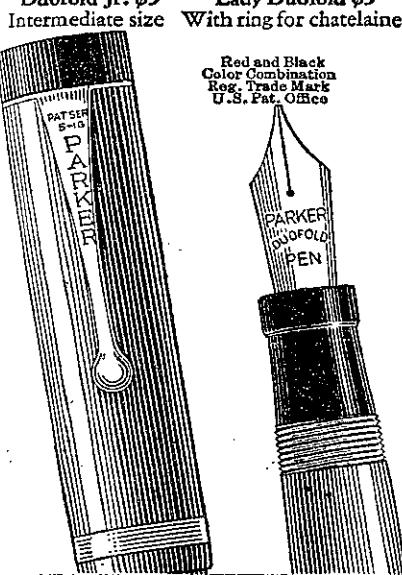
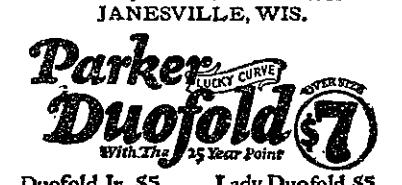
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THE LOUNGER
(Continued from Page 2)

days at Coney Island stand out in sharp contrast to the rest of her liy white, powder-caked back. May the Lord bring us quick deliverance from this sad state of affairs!

* * *

It has amused the Lounger to watch the returning European travellers. They may all be placed in one of three categories: The man whose baggage has collected a half a dozen labels which he takes care to display to best advantage on the subway train. The man who has taken a second trip, and decides that "experienced people" keep their luggage free from hotel and steamer stickers, and who accordingly soaks off all but one or two of the more interesting ones from his shiny new suitcase. Lastly the man whose baggage looks like hell, and who has travelled enough to forget about it. He has ceased to shed bitter tears when some fool American Express man puts a "Collect" tag over his favorite "Grand Hotel Central" label!

* * *

The Lounger has discovered a scandal in his select family. Can it be that he acquired a wife over the summer? At any rate there is a deep mystery surrounding the gentleman, even darker than that surrounding his identity, and the Lounger is seriously contemplating taking a correspondence course in "Criminals and Their Apprehension," Course JL. (Late registration, \$5.)

However, the point in question is, the Lounger has been receiving a lady's mail. On his return from his vacation spent in installing ball bearing weather vanes, he found his private mail box filled with letters addressed to Miss Teck, Walker Memorial Building. The Lounger is doomed? If he destroys the mail the Federal government exacts five years of rough sculpture, and if he keeps it—blackmail? There is no justice.

* * *

The Lounger notes the unique way in which students earned money donating blood, but the most interesting part is the fact that in one hospital the men were given a stiff taste of their favorite drink, and according to reliable reports it was not tonic.

However, dear readers, don't start mobbing the employment bureau, as there are sufficient regular men now holding down the job and try and get it away from them under such conditions. One of the men gave blood four times—lucky dog.

The Lounger will be seen frequently bringing in cigars and candy to his friend Grant Speer in the hope of being able to test the quality of the beverage and as an old and experienced hand pass judgment on its quality. Don't get frightened, you wee freshmen, as all the jobs at the bureau do not require such shocking practices so you will not have to write to mother to come up and tend her sweet darling.

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Annual Banquet at East Machias Finishes Year For Student Surveyors

With the annual banquet at the parish house of East Machias served by the girls of the town, the members of Camp Technology in Washington County, Maine, celebrated the end of their field training as surveyors and when it was all over, got aboard the special train for Boston to begin another year of work.

Affairs at the camp ran smoothly this year other than the fact that the steamship Washington, which is so old that the oldest citizen can't remember its not being on Lake Gardner, ceased to function and was tied up all summer. A new addition at the camp this year, put up by the students was a signal tower.

Professor Hosmer Compiling Map

This signal tower is tripodial in shape and is over 40 feet in height. It is to be used for surveying purposes and will aid greatly in producing the map of the surrounding territory which Professor Hosmer is compiling from the data collected by the students.

This map when finished will be the first complete one of the section and will be turned over to the government. The work has been going on for several years and is expected to be of very great use to the government and persons interested in the development of this part of Maine.

INDIVIDUALITY NEEDED SAYS ANGELL OF YALE

(Continued from page 2)

tastes and interests is altogether fortunate and to be desired, for the bugbear of democracy is a flat and too often mediocre uniformity, which is threatening to institutions as it is to universities. The modern American college is, as I have had occasion to urge at some length in a recent address, essentially a community life, in which the nominally incidental and accidental often proves to influence the lives of students quite as much as the set academic offerings of the instructors. It is incumbent upon us all to recognize this circumstance frankly and to create as completely as we can a life which shall be rich without being diffuse, pure without being narrow, stimulating without being merely distracting."

Dr. Angell also mentioned the cordial and wholesome relations existing among the various colleges at present saying that the day of petty jealousies and animosities between institutions was gone, and that the prosperity of one was ultimately the prosperity of all.

R. B. NORTON '25 IS CARNEGIE FELLOW

Announcement was made last July by Dr. Thomas S. Baker, president of Carnegie Institute of Technology, that R. B. Norton '25, has been appointed a research fellow for next year at that institution. Norton's appointment was accompanied by the appointment of two other Massachusetts men to instructorships at Carnegie. The latter two are not graduates of Technology, but of other institutions in and near Boston.

Sheriff Appears At Camp

Walking and canoeing were the most popular forms of locomotion from necessity but there were more cars in evidence than ever before. Fords were in the majority and the most famous one was the "Chinese Junk," a 1912 model, which still ran upon occasions. A Stutz known as the "Yellow Peril" was known the country over and caused the appearance of the sheriff more than once who tried to collect the registration fee in vain.

Discipline was strict at Camp Technology as all students were allowed to visit the nearby metropolis, East Machias, with a population of 500, on Saturday nights only.

Instructors Receive Serenade

Dinner on the last night at camp was seized by the students as an opportunity to serenade, materially, the instructors' table and when the corn was served everyone took an extra large helping and broke his ears into small pieces. When everyone was least expecting disturbance, the lights flickered and went out with an immediate bombardment following.

Many an instructor's head was cracked and when the lights finally came on again, the most dignified of the staff was found under the table with a part of the table-cloth over his cerebral portion for protection.

INSTITUTE TO START TWO TERM SYSTEM

(Continued from page 1)

old Course and on so firm a foundation that few changes were necessary." Course II likewise suffered very few changes. The chief one was the addition of a course in physical chemistry to the third year's program so as to make the Seniors eligible for the photo-electricity course.

Professor D. C. Jackson declared of Course VI, "No major changes were found necessary; only adjustments have been made. English has been added as a second term subject in the fourth year. This was done before the war, but was eliminated during the war when the course was revised. The course is otherwise practically the same as before."

In Course X "except for a few minor changes made necessary by the two term system the course is the same. There are no major changes." While in the Engineering Administration Course, Course XV, "with the revision of the course less time has been devoted to economic theory and more to business. This is a significant trend. There have been many changes of a minor nature. For example: Ec 57 (Composition, Finance, and Investments) has been joined with Securities and Investments and these lectures have been spread over a longer period."

NOTICES

OFFICIAL

PHYSICAL EXAMINATION

Physical examination of all new students entering the institute is compulsory. Please make appointments at the Department of Hygiene, Room 3-019 as soon as possible.

COURSE VI HONOR GROUP

The Special Honors group of Course VI will meet Prof. Jackson in room 10-250 Wednesday, Sept. 30, at 2. Hours will be arranged for the regular weekly conference and the programs will be discussed.

UNDERGRADUATE

M. I. T. A. A.

There will be a meeting of all Captains, Managers, and Ass't. Managers at 3 P. M. in Faculty Room, Walker Memorial, Sunday, Oct. 4.

COMBINED MUSICAL CLUBS

There will be a meeting of the Combined Musical Clubs on Friday, Oct. 2, at 5 in room 10-250.

CATHOLIC CLUB

A supper meeting of the Technology Catholic Club will be held in the north hall of Walker on October 7. Dean Talbot and J. F. O'Neill will speak. All interested are invited.

SOPHOMORE FOOTBALL

There will be a meeting of Sophomore football candidates in room 2-132 on Tuesday, September 29, at 4. All Sophomores who want to show that 1928 has a football team are urged to come.

MANY IMPROVEMENTS MADE THIS SUMMER

Approximately \$50,000 Spent on Entire Institute

In addition to the two term system there have appeared a number of other changes at the Institute since last fall. Approximately \$50,000 have been spent for the improvements, some of which have not as yet been entirely completed.

About one half of the total amount has been used for the purchase and installation of a 1250 K. W. turbo-generator set. This has already been installed in the power-house.

Dining Service

Walker Memorial has received much attention which will benefit the student in the form of better service. These improvements include automatic refrigeration, tile floors and terrazzo stairs in the service room, while the walls of both the main hall and service room have been tiled to a height of six feet. Air filters are being installed at the present time which will continually purify the air.

Some of the work done by Major Smith's men is immediately noticeable, such as the painting of the larger drawing rooms and machine tool laboratory, partitions placed around the chemical laboratories to insure more privacy and the heat treatment laboratory.

A new garage for the president's use east of the dormitories, and two new tennis courts on the Institute property south of Massachusetts Avenue have also been constructed during the summer.

CABOT MEDALS ARE AWARDED 1928 MEN

Announcement has been made that Cabot Medals have been awarded to the following men, all of the Class of 1928: J. M. Farnum, W. H. Phillips, J. W. Gaffney, A. N. Tcharykow, and A. S. Dempewolff.

Honorable mention was received by J. G. Praetz, N. L. Fournier, S. A. Brown, William Beard, and V. J. Devereux.

Marv Rick the national steeple-chase champion and crack long distance runner will no doubt be allowed to compete for the Cardinal and Gray during this season. Rick was in school last year but he was not allowed to represent the track team in any of the meets.

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